

By
conclud



2

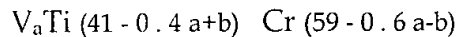
15

15

HAYES, SOLOWAY,
HENNESSEY, GROSSMAN
& HAGE, P.C.
P.O. BOX 3042
130 W. CUSHING ST.
TUCSON, AZ 85702-3042

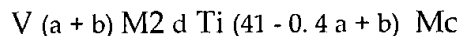
TEL. 520.882.7623
FAX. 520.882.7643

As
contd

[illegible]

wherein $0 \leq a \leq 70$ at% and $-10 \leq b \leq 10$ at%.

20. The method for absorbing and releasing hydrogen according to claim 18, wherein the hydrogen storage metal alloy is an alloy having not only a suitably adjusted composition to reduce the stability of the occluded hydrogen but also a fundamental composition of the formula:



wherein $0 \leq a \leq 70$ at%, $-10 \leq b \leq 10 + c$, $0 \leq c$, $0 \leq d \leq a$, M is at least one or more members selected from the group consisting of Nb, Mo, Ta, W, Mn, Fe, Al, B, C, Co, Cu, Ge, Ln (various lanthanoid metals), N, Ni, P and Si, and M2 is at least one or more members selected from the group consisting of Mo, Nb, Ta, W, Fe and Al.

21. The method for absorbing and releasing hydrogen according to claim 18, wherein the tissue structure of the above-mentioned suitably adjusted hydrogen storage